

DERWENT- 2005-034171
ACC-NO:

DERWENT- 200504
WEEK:

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TITLE: Radio frequency identification tag used in entry and exit management, personal identification, uses soft magnetic board as common core for two resonance circuit

PATENT-ASSIGNEE: MITSUBISHI MATERIALS CORP[MITV]

PRIORITY-DATA: 2003JP-0145619 (May 23, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2004348497 A	December 9, 2004	N/A	014	G06K 019/07

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP2004348497A	N/A	2003JP-0145619	May 23, 2003

INT-CL (IPC): G06K019/07, G06K019/077 , H01Q001/38 , H01Q007/06 , H04B005/02

ABSTRACTED-PUB-NO: JP2004348497A

BASIC-ABSTRACT:

NOVELTY - A resonance circuit (2) comprising coil (3) and integrated circuit (IC) (4) and a resonance circuit (5) comprising capacitor (7) and a coil (6), use a soft magnetic board (8) as a common core.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for reader/writer antenna.

USE - For entry and exit management, personal identification, etc. Also, suits for antenna (claimed) of radio frequency identification (RFID) tag reader/writer. Also, applicable for other systems using loop antenna.

ADVANTAGE - The RFID tag is manufactured simply at low cost.

DESCRIPTION OF DRAWING(S) - The figure shows the structure of the antenna. (Drawing includes non-English language text).

resonance circuits 2,5

coil 3

integrated circuit 4

capacitor 7

metal plate 10

antenna coil 11

**CHOSEN- Dwg.1/12
DRAWING:**

TITLE-TERMS: RADIO FREQUENCY IDENTIFY TAG ENTER EXIT MANAGEMENT PERSON
IDENTIFY SOFT MAGNETIC BOARD COMMON CORE TWO RESONANCE
CIRCUIT

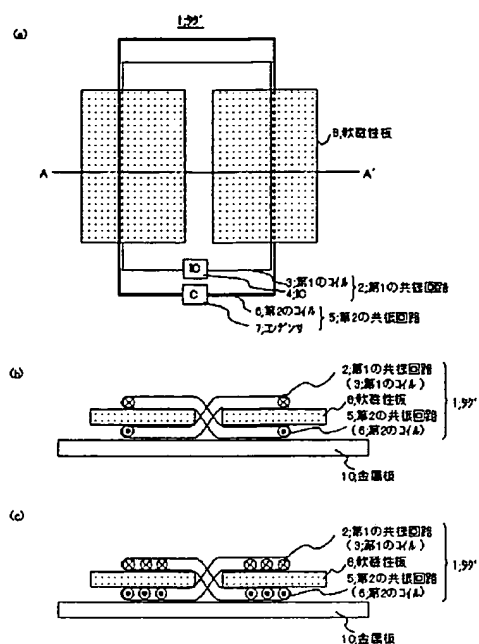
DERWENT-CLASS: T04 T05 W02

EPI-CODES: T04-K; T05-D01A; W02-B01A; W02-G05A;

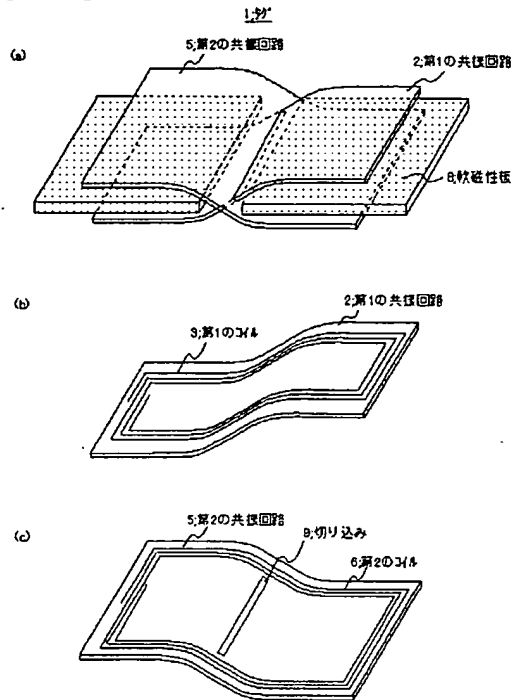
SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2005-029912

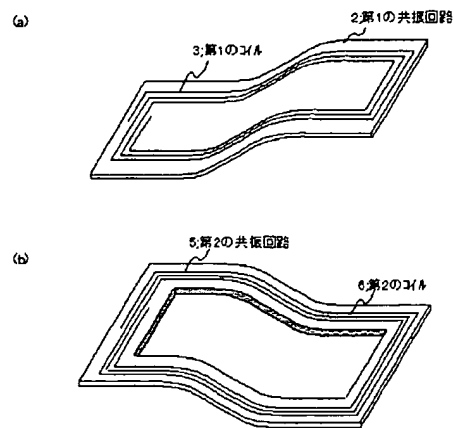
【图 1】



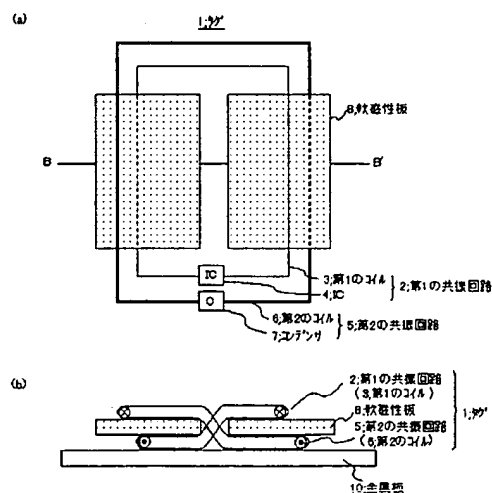
【圖 2】



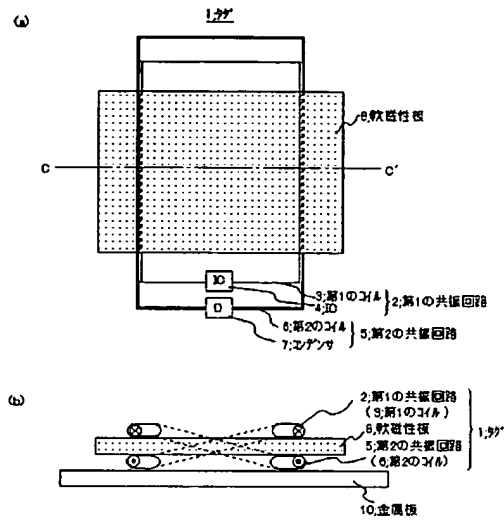
【図 3】



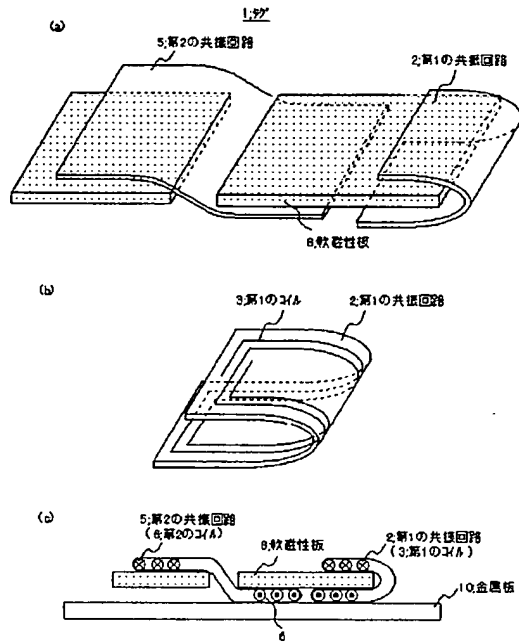
【图 4】



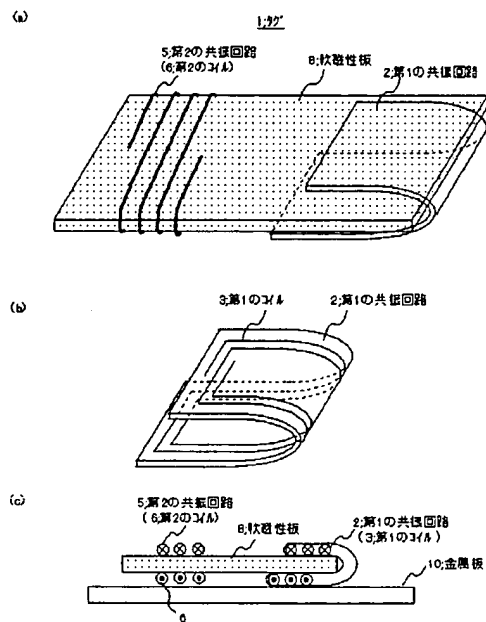
【図 5】



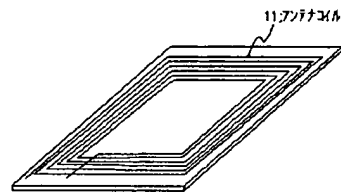
【図 6】



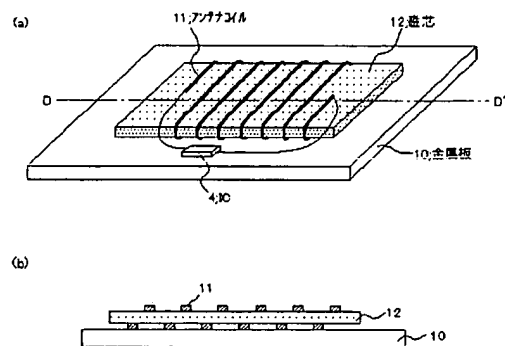
【図 7】



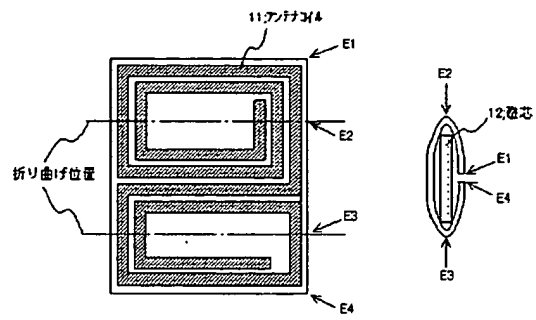
【図 8】



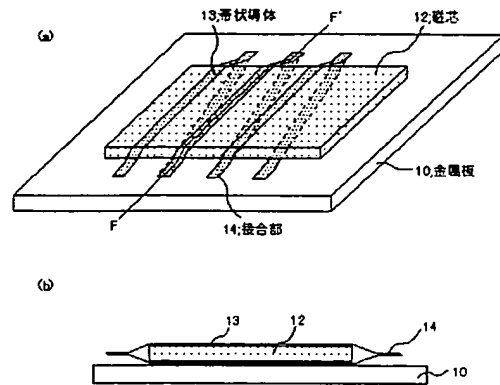
【図 9】



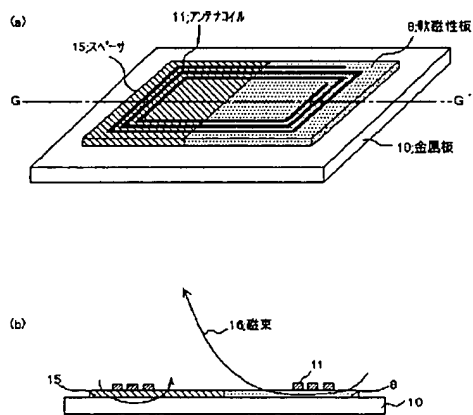
【図10】



【図11】



【図12】



フロントページの続き

Fターム(参考) 5J046 AA09 AA19 AB11 PA01 PA06 PA09
5K012 AB05 AC06 AC08 AC10 BA02